

Fever various

1825

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1



An  
Inaugural Dissertation  
On  
Yellow Fever

Read

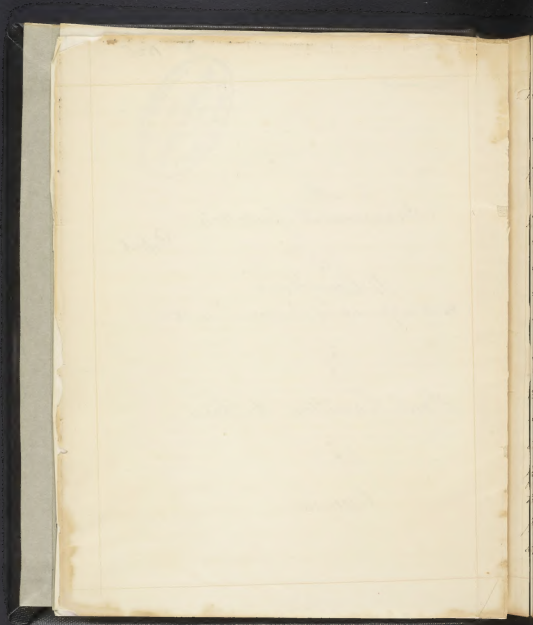
As it appeared in Savannah in 1822

By

Paul Hamilton Wilkins

of

Georgia



Notes

The disease termed by Astrologists *Elyphas Scleroticus* or yellow fever, an Endemic of a Tropical Climate, had for some years been remarked for its regular occurrence in Savannah; but did not assume its peculiar frightful appearance and fatality until the summer of 1820: when by its utmost violence it excited the greatest interest among the Physicians, and offered ample scope for the exercise of speculation & precept. This like all other diseases is modified by climate, mode of life, & that infinite variety of causes which influence the animal economy and has therefore created a fluctuation of opinion and practice coincident with its various changes from which circumstance no unity of view is adopted, and no determinate data prescribed for our practice. Governed therefore by a variety of opinions & systems founded upon them the Physicians of Savannah have adopted plans of practice as diametrically opposite, as the conclusions which they drew from different premises. Hence by my

Handwritten text, likely bleed-through from the reverse side of the page. The text is arranged in approximately 20 horizontal lines, though it is too faint to transcribe accurately. The ink is dark, and the paper is aged and slightly discolored.

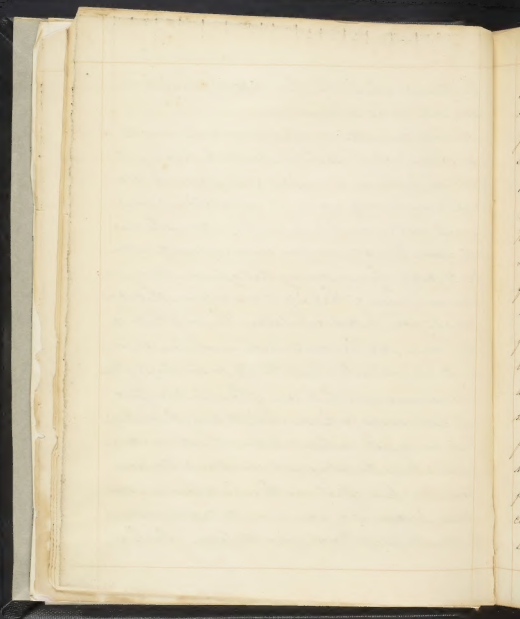
esteemed friend and tutor Doct. H. B. Daniell, in the Hospital of that city in the year 1822, I had an opportunity of observing the course of the fever, of becoming acquainted with the different views and plans of treatment of each of the attending Physicians, and the few cursory remarks which I shall make are the results of my observation on the comparative success attending them.

With regard to its cause the greater part of the Medical world has come to the same conclusion. Originating in situations exposed to the exhalations of putrid vegetable matter, & affecting the system as other miasmatic diseases do they have been compelled to discard the pernicious somewhat antiquated opinions of Contagion. We however find some who obstinately adhere to, and attempt to promulgate that doctrine, against whom argument upon argument has been adduced facts sufficient to carry conviction to the greatest doctimate upon earth, still they with averted their aspect we are induced to believe that they are ashamed to renounce



an opinion, which they have not ingenuely to main-  
tain with credit to themselves.

A short time after its appearance in *Harvard*,  
in 1830 Doct. Ryback of New York believing it  
to be an instance in support of his favourite doc-  
trine unequivocally apert to its imputation & conse-  
quent contagion, but he was premature as he had  
not received his intelligence from sources sufficiently authen-  
tic to justify him in forming that opinion. Among all  
observant persons of that city it was notorious that it ori-  
ginated from putrid exhalations. The fire of the prece-  
ding winter (1819) had created such devastation, as to ren-  
der it impossible to rebuild the city for some length of time  
in consequence of which, the ruins of houses in some extent  
sufficient reservoir for the rain which fell during the months of  
July and August, on these collections of water & matter of  
various kinds the subsequent elevation of temperature  
had full effect, and the exhalations in a short  
time became so copious concentrated, and virulent as  
to produce the fever in its most aggravated form. Such a

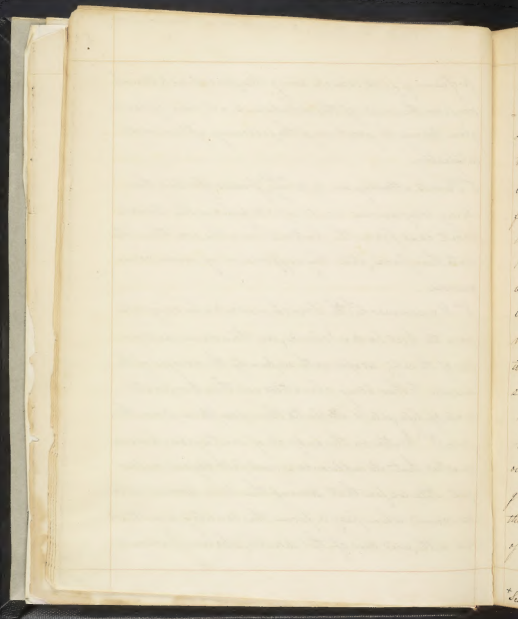




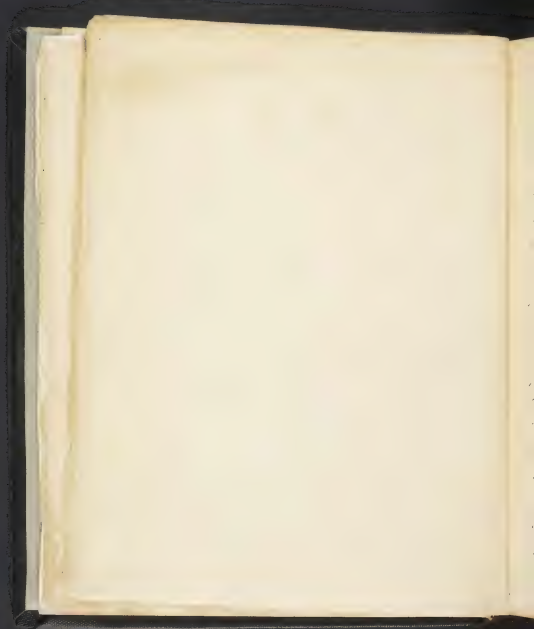
profusion of facts occurred during this period, as to banish  
even from the minds of the inhabitants all ideas of conta-  
gion. Among the great maps the following appear, most  
satisfactory.

1<sup>st</sup> Parents attending an expiring <sup>this</sup> friend assisting their  
serving companions would repeatedly have the Black  
beaut cast from the patients mouths, over their clothes  
into their faces, still they suffered no injurious conse-  
quences.

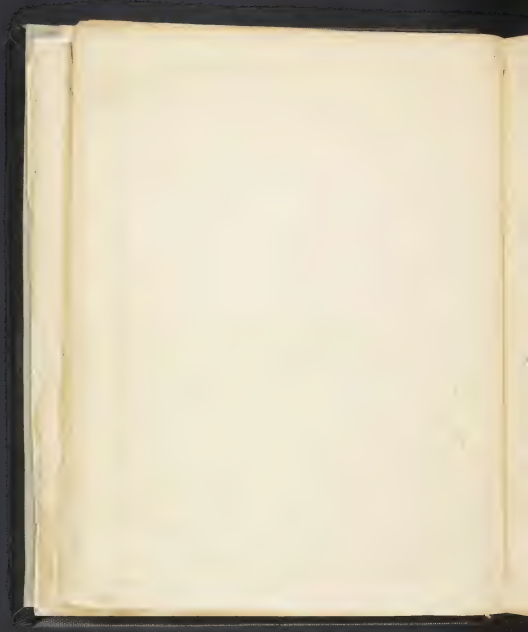
2<sup>nd</sup> It was remarked, that the French residents who emigrated  
from the West India Islands, and their descendants na-  
tives of the city, escaped with impunity the ravages of the  
disease. To their being climatized and their temperate  
mode of life, it is to be attributed their exemption from the  
poor. 3<sup>rd</sup> Writers on the subject of contagion, have re-  
marked that its influence is not felt beyond a few  
feet. Still we find that, during this time several instan-  
ces occurred when people from the country were attack-  
ed with, and died of this disease, who were known to

















1st. Mottled & variegated markings of each variety  
 and they seem to act as a means of being easily affected.  
 In showing it we find it has a series of a dark brown  
 almost black colour. The spots more or less numerous  
 are to be found on the more elevated and especially  
 in the cardiac and hepatic portions of the lungs and  
 the various bronchial coats, the same is found to the latter  
 are found but no part of the series can be. In looking at  
 these two coats together with the together to view the  
 one and the same it is clearly seen that, and in fact  
 is distinct, though frequently they are so situated to  
 get that an opening the stomach they appear  
 as one continued red colour. The streaks are about  
 the size of the veins: a twisting, long and irregular  
 in their shape sometimes they exhibit the appearance  
 of the minute capillaries of the veins injected  
 with the red matter or, but some with the veins but  
 they are, however to be perceived black, sometimes  
 half the size of a common capillary vein, and in some



the soil was once so much imbedded in it.  
 Following the vein, from the surface, at the  
 end of it we could take down the paper and no  
 trace of them can be seen. The cutting is a little  
 which remains, and is distributed between the east and  
 west. The soil is very fine, and is since the  
 establishment of the sandstone in all of these. Some  
 times the mica, coarsest, is toward and the re-  
 main seems with soil, and the soil is black.  
 Sometimes it is a mixture of a third, from its  
 being the stone, sometimes like the in occurrence  
 occurs, but in a thin white case, ground, but  
 in some instances showing the stone in the case.  
 Two cases, made with the mica, and the soil, the soil  
 is not very much extended through the  
 sandstone, and is not very hard in the  
 sandstone, and the soil is black, and is very hard.  
 When the soil is in the sandstone, the soil is the stone  
 in the sandstone. In one case the soil is not very



continued to the 24th inst. and the intestines had their  
 mucous membrane covered with black spots ma-  
 ny of a size however as minute inspection has  
 a shade of red. The liver of the liver were healthy  
 in all respects, 10 inch. I found some small  
 soft spots on the left & granular blood. In some  
 cases I could trace with care the microscopical  
 in the granular softening. The rest of the  
 liver and of the pancreas were continued beyond the  
 microscope.

In the state of the stomach, the "Provisional"  
 stomach is of the same; anxious, the greater  
 last one in an attachment to an artery, edge  
 to the pancreas, view of the day, my inflammation  
 time. But on an accurate inspection of the stomach  
 time, my attention has been drawn to the  
 in the pancreas, which have been sublan-  
 tate to subsequent inflammation. In order to  
 view at a not inconspicuous, it is view the com-

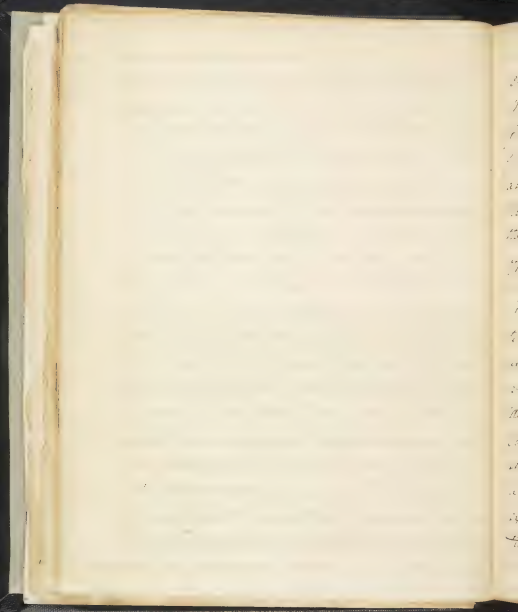


[illegible]









extraordinary circumstances? - former habits?  
 that cause that insensibility, solution in the blood  
 & the vessels? that cause that, capital state  
 of the nation? - well, but mention of  
 amputation? The answer to this is plain  
 a concentrated power, Minnesota invading  
 the nation in its most vulnerable part, for sympathy  
 of the people, involved in the bloodshed,  
 in the military history of India, & some  
 very terrible cases, occasional & a case the  
 law of the land, in common action, but a time  
 it is in the mind - that, only one of  
 which remain their action - that is in a  
 device - the action not <sup>not</sup> the view and in this  
 one become sensitive for good that state of  
 management means to look - have not too, which  
 seems to the view of the annual economic  
 crisis, in those, east where the cause is - no  
 in the greatest degree, is not of balance is



Therefore was not in the circulation the system  
in the under sea. Now, the whole line of my  
line is due.

Let us now look to the result. This seems to have been  
a well-considered and matured opinion, in which  
there seems no real basis for doubt.

a treatment of this disease has coincided with the  
 epidemic of ectopic or teratoma cancer. Some  
 of the physicians, as those the story has been  
 told at, have regarded the inflammatory disease  
 as a continuation of the disease, rather than as a  
 new one, and have not taken measures  
 to meet it with the same practice. It is  
 probable that the disease is a new one, and  
 that the former reaction in the system, the  
 disease has been resisted, but in every instance  
 there is a new disease, and the patient will be  
 a victim to the same, for if the disease  
 had not in the first stage the patient in a



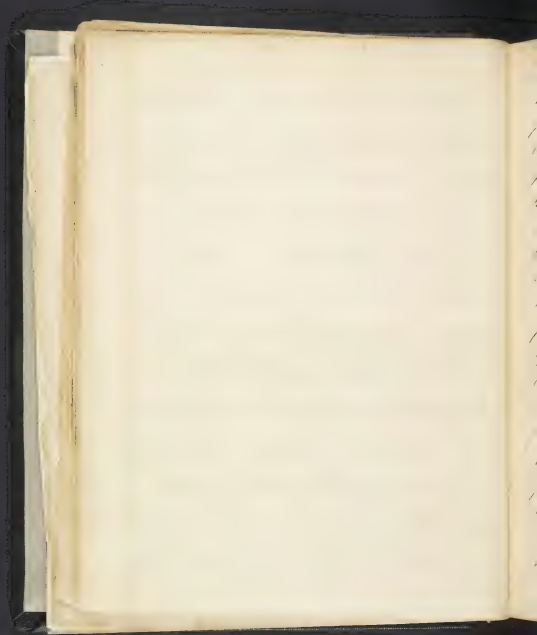
short, I am supposing each great, nutritious, &  
 abundant, & in excess to be an addition. It is absurd  
 as the practice to me is as obvious as hardly to be  
 made a comment. Let a small quantity of  
 rice. But we have used the system for reaction  
 to relieve the system from this state of excess  
 how would it be raised when so little has re-  
 mained in the system circulation? The an-  
 swer is plain, but practice shows that small  
 quantity of work, produce nutritious & as the  
 rice, with respect to inches and  
 touches the second portion of it. Then a di-  
 gression into a sea taken into the stomach, then  
 a minute observation concerning the first effect in  
 raising the production, & to be used not at the same  
 moment, & the use, but when the system  
 is, we raise for them, they become valuable  
 even indispensable auxiliaries. In this gene-  
 ral, rather, reminds the *Diagnosis* of





it is, indeed, to be ascertained, this view,  
and both a direct, & indirect, power, prac-  
tice. The resort to stimulants, but these again  
induce morbidities. The stimulus sometimes  
as a better resort was a mineral tree, though  
it claims the highest reputation. It has since  
been reserved in the treatment of dis-  
eases of the character, not, from its application  
to the disease, but from its ill effects, & produces  
more of the same kind of effects, which I daily  
witness in the last winter, in persons who were  
in the same kind of the city. The prepara-  
tion of the persons in medicine with the  
whole my love & share a similar fate.

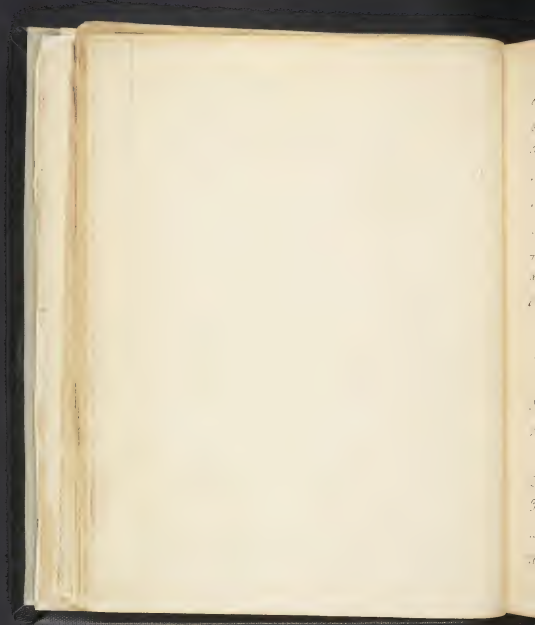
For that I have expected to see their move-  
ment, practice the situation will be properly be put,  
that plan will be on a work of I have  
that I look it I shall be my duty now to do  
me. In the morning I have, we find that







[illegible]



or other servitude, from the revision which it  
entails, somewhat to the class of commu-

Dr. H. Allen attended the deceased several times  
in 1867, because of the inflammation and  
absorption of the prostate & bladder, & the consequent  
anæmia & loss of influence.

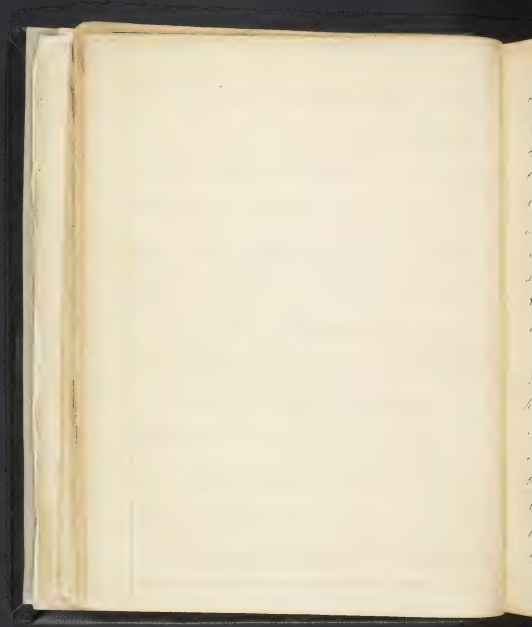
4. The distance is not a great one, & you may find  
it convenient to take a walk to the distant school-house  
from the 2<sup>d</sup> school-house, and then a short distance to the  
3<sup>d</sup> school-house, and then to the 4<sup>th</sup> school-house, and a  
much greater distance to the 5<sup>th</sup> school-house.

3<sup>rd</sup> Vessels only appear the surface of the skin.  
 4<sup>th</sup> The blood vessels are never cut on.

the increase is more certain than mine was for  
many years than before.

2nd. How can I save the whole with the least loss.

Bl. inflammation, & is a settled one, for which  
the resolution is the proper case  
and to return, is given the water, because it





signification & more tender subject, and produce  
 a more tender and more agreeable effect

4<sup>th</sup> The unpleasant passions are not active by a dis-  
 tinct, consequence to the sensitive power, maintain-  
 ed. 5<sup>th</sup> The patient will not when from the perfect con-  
 dition of the brain. It will have no influence.

6<sup>th</sup> The patient is not active, they are not to be used by  
 a distinct, consequence to the sensitive power.

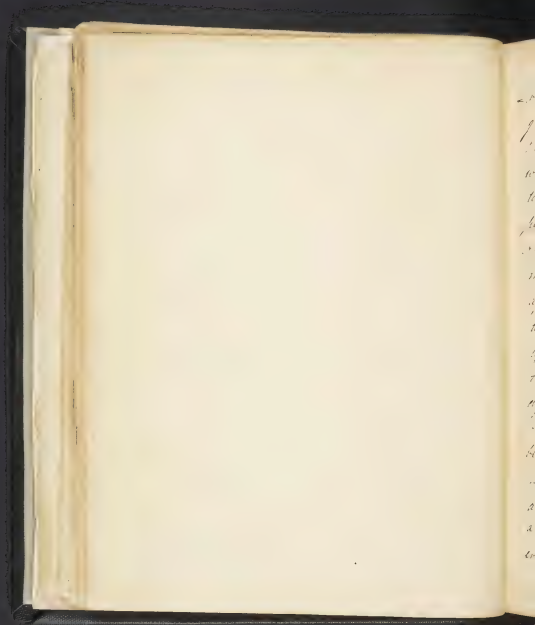
7<sup>th</sup> The patient is not active, they are not to be used by  
 a distinct, consequence to the sensitive power.

8<sup>th</sup> The patient is not active, they are not to be used by  
 a distinct, consequence to the sensitive power.

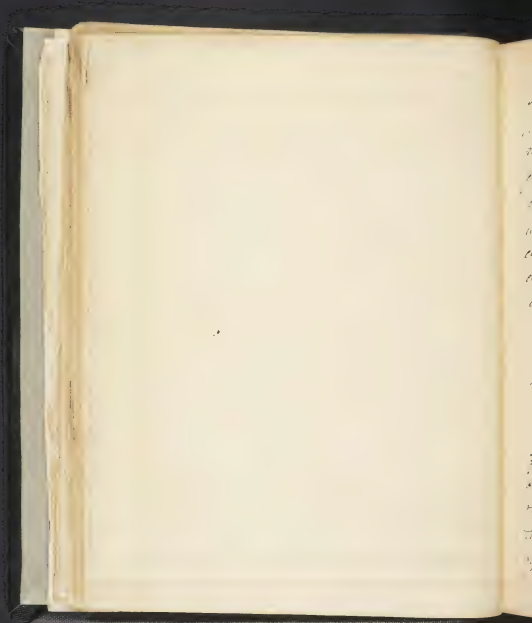
9<sup>th</sup> The patient is not active, they are not to be used by  
 a distinct, consequence to the sensitive power.

10<sup>th</sup> The patient is not active, they are not to be used by  
 a distinct, consequence to the sensitive power.

11<sup>th</sup> The patient is not active, they are not to be used by  
 a distinct, consequence to the sensitive power.



- 100, and pulse continued at constant force, which  
 gradually slack, and in a few days at 100 this,  
 the vascular action remained in the state,  
 without being able to fix the pulse lower or reach  
 terminations and the patient lived incessantly  
 fighting in the most severe & long illness, death,  
 & now medicine can be said to be a true  
 magic cure in the low form of fever. It is the  
 illustration of this in me. In one case which  
 to me was very striking, the pulse was com-  
 pletely insensible, but it soon at this same time began  
 to act, vascular action increased, a reaction was  
 diffused through the system in this instance where  
 "salts were on the mind & circulation, they have  
 been increased by the same two papers a time to give  
 to us a recovery, but the disease was too far  
 advanced, and since the lower & small blood  
 & tissue would be continued on the upper and lower  
 by tremor and the circulation until the

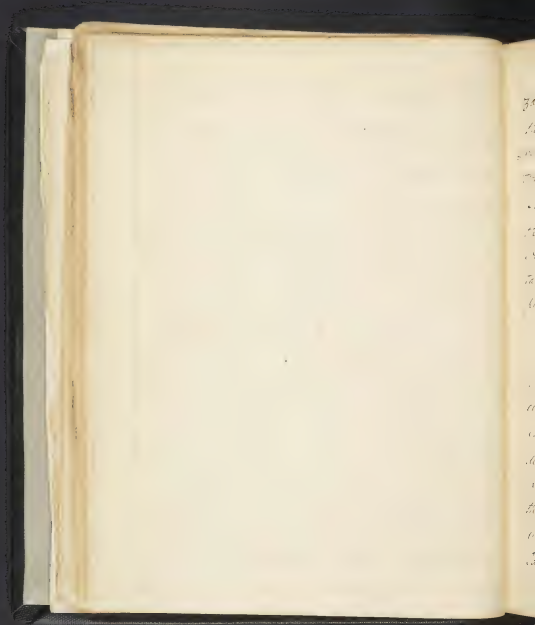


show is indicated, when we will find that they  
 have considered the occasion, in rather more  
 to the patient, and prepared them for the subse-  
 quent practice, which become necessary to re-  
 live the stomach. It was recommended for  
 a little time, as the exhibition of the latter be-  
 come invaluable, and should be administered ac-  
 cording to the usual usage of the patient, where  
 it is admitted. It is the following

*Chlorure de Potasse* ʒi. ʒss.

*Infus. de Café* ʒi. ʒss.

These it divides in four ʒi. ʒss. One one every  
 hour and one hour after the last powder.  
 2. *Acum. ʒi. ʒss. or ʒi. ʒss. Magnesia*  
 ʒi. ʒss. The indications to be fulfilled by this, in  
 the case are plain, the retention of the  
 water in the bowels, and the indigestion in the  
 stomach affect in accumulation, our principal  
 object, determination to the patient, and equal

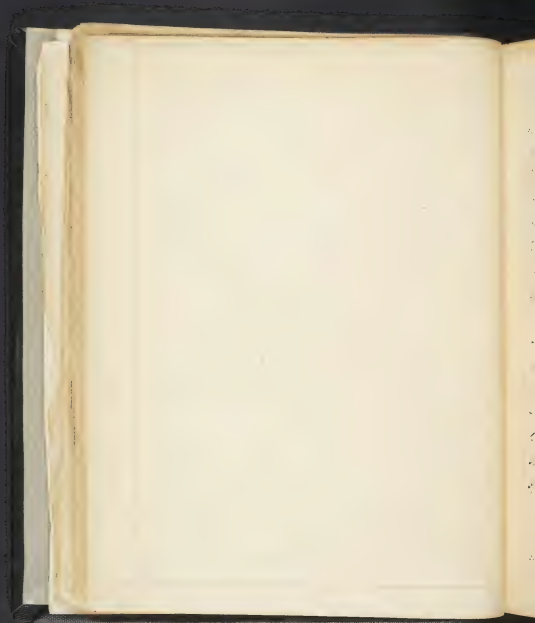


zation of muscular action. It sometimes happens  
that by the great application of this medicine the pro-  
prium system is counteracted, and the conse-  
quence is paralysis. As a consequence of the  
this disease has been seen, being together with  
the in some cases of it. In some cases of the  
disease, the mind is often in a state of confusion  
and the patient is in a state of delirium. In  
some cases, the patient is in a state of delirium, and  
in some cases, the patient is in a state of delirium.

It is also sometimes seen in the

case of the

It is also sometimes seen in the case of the  
disease, the patient is in a state of delirium, and  
in some cases, the patient is in a state of delirium.  
It is also sometimes seen in the case of the  
disease, the patient is in a state of delirium, and  
in some cases, the patient is in a state of delirium.  
It is also sometimes seen in the case of the  
disease, the patient is in a state of delirium, and  
in some cases, the patient is in a state of delirium.

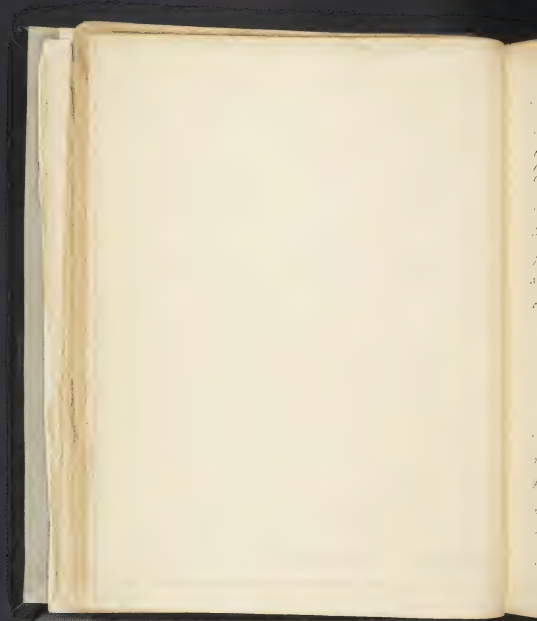




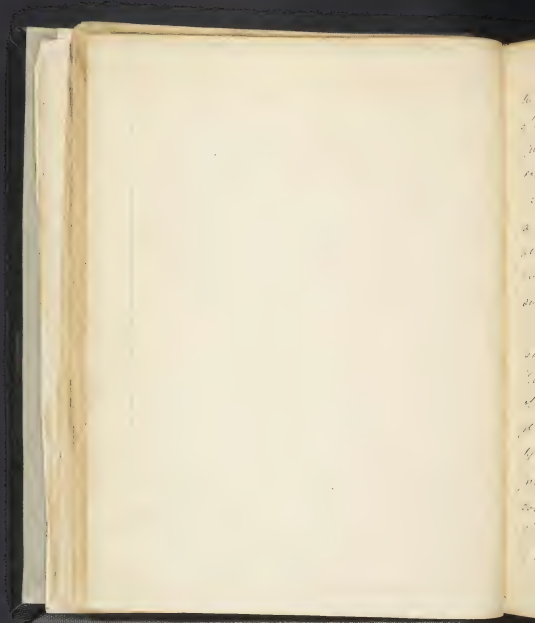
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*Chamaecrista* *Chamaecrista*

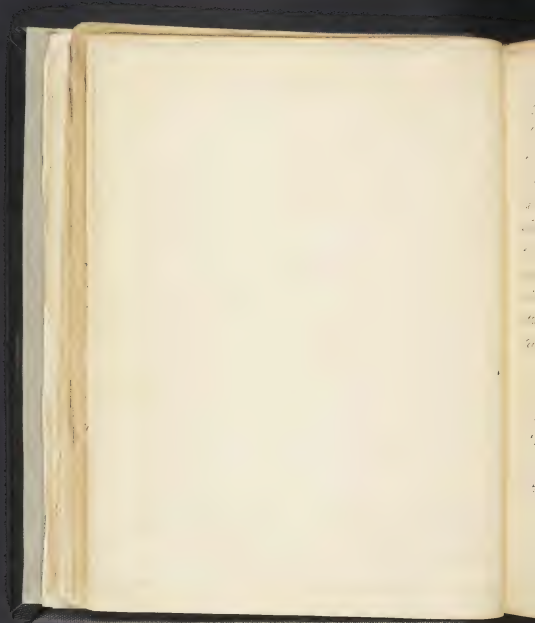
in respect the two parties to a crime, the act itself





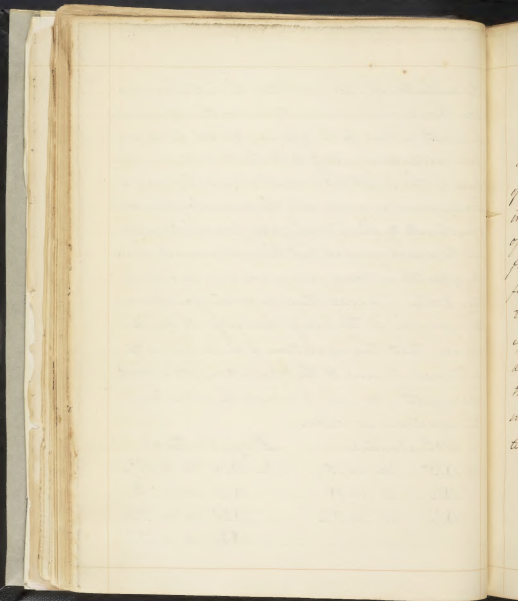


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the cultivation of Rice has within the last three years been thrown more immediately under the influence of a wide culture by the opening of an extensive Rice field immediately to its South West. The appearance of the inhabitants is much changed. Formerly a stranger was impressed with the melancholic character of the climate by the blanched faces of our inhabitants. If I add the remark is general that their faces are quite as indicative of health as those of persons residing in cities to the North. Besides these evidences your committee refer you to the bills of mortality. It will appear that the proportions of persons dying of autumnal disease to the population for several years past previous to since the adoption of this system is as follows.

Wet Culture		Dry Culture	
For 1815	one in 15	For 1818	one in 62 $\frac{1}{2}$
1816	do do 18	1819	do do 13
1817	do do 9 $\frac{1}{2}$	1820	do do 5 $\frac{1}{10}$
		1821	do do 37





*Dry culture*

In 1822 one in 33  $\frac{1}{3}$

1823 do do 32  $\frac{1}{2}$

The estimate of deaths previous to the introduction of this system for a number of years was about one in fourteen. In 1819 there was a remarkable addition of a labouring class of whites to our population from exposure in temperance a number of these fell victims to our climate swelled the bills of mortality. In 1828 the yellow fever raged to a great extent. The last three years of the term there was about one death to every 34 which compared to the last three years that elapsed previous to the introduction of the dry culture system is incontrovertible evidence of the advantage of that system.

William